



[Manuals.plus](#) /

> [FITCAMX](#) /

> FITCAMX HD2-6588 Front 4K + Rear 1080P Dash Cam User Manual for Mercedes-Benz GLC-Class (2023-2026)

FITCAMX HD2-6588

FITCAMX HD2-6588 Front 4K + Rear 1080P Dash Cam User Manual

Model: HD2-6588 | Brand: FITCAMX

Compatible with Mercedes-Benz GLC-Class 2023-2026 & Hybrid

1. INTRODUCTION

The FITCAMX HD2-6588 is an integrated dual dash camera system designed for specific Mercedes-Benz GLC-Class models. It provides high-definition video recording for both the front and rear of your vehicle, maintaining an original equipment manufacturer (OEM) aesthetic. This manual provides instructions for installation, operation, and maintenance of your dash cam.

Compatibility: This model (HD2-6588) is specifically designed for Mercedes-Benz GLC-Class 2023-2026 GLC 300 & GLC 350e Hybrid 2025-2026 vehicles that originally come with **two cameras** in front of the rearview mirror cover.

Dual Dash Camera 4K +1080P

Front UHD 3840x2160P + Rear FHD 1920x1080P

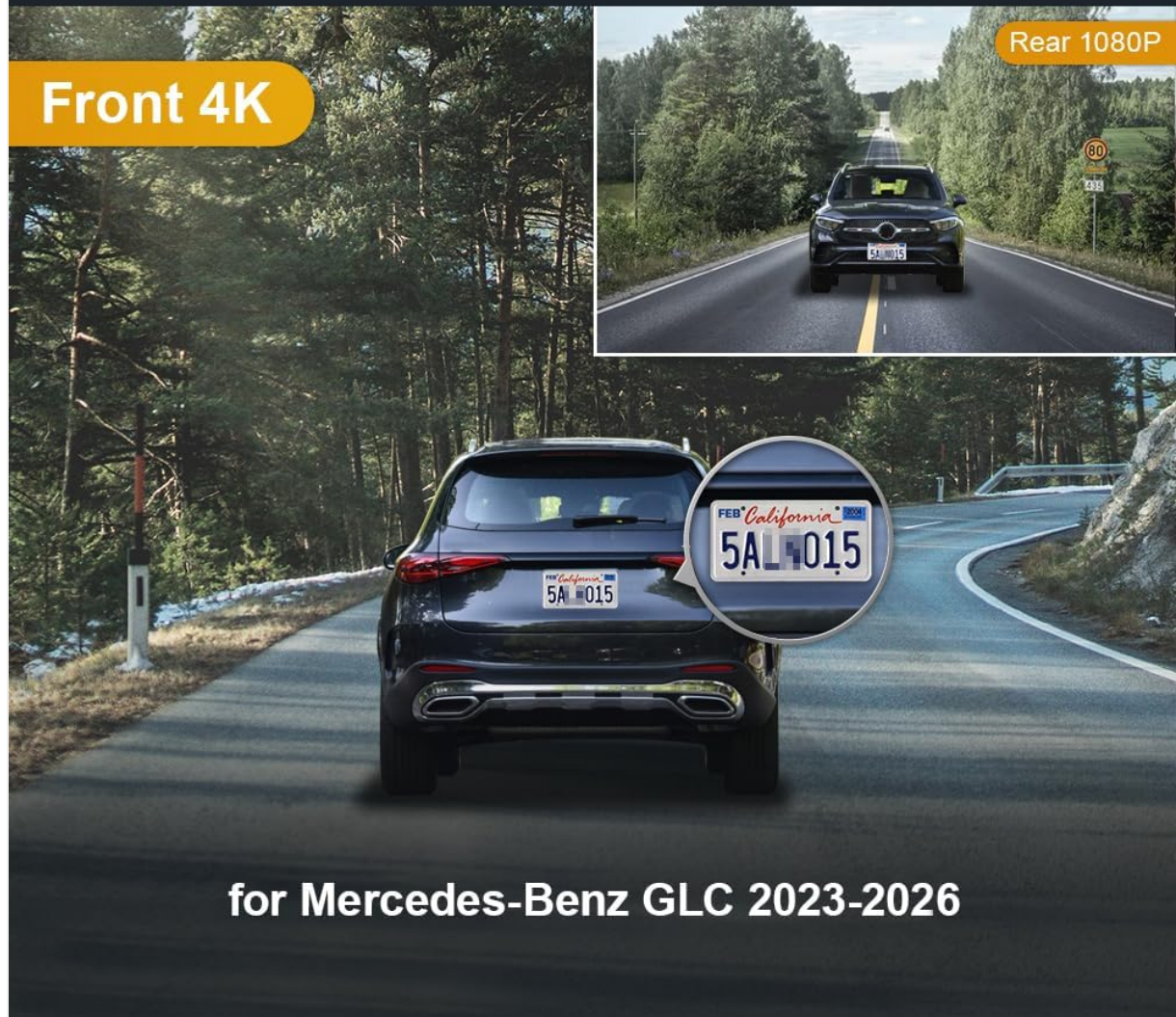


Figure 1.1: FITCAMX HD2-6588 Dual Dash Cam Overview. This image illustrates the 4K front and 1080P rear recording capabilities, along with vehicle compatibility.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 4K Dual Dash Cam (Front and Rear Units)
- Power Cable (Y-Cable)
- User Manual
- 128GB Memory Card
- Removal Pry Tool

3. CHOOSING THE CORRECT MODEL

It is essential to select the correct dash cam model for your vehicle to ensure proper fit and functionality. Please follow these steps:

1. Confirm your vehicle's style and year of manufacture (e.g., Mercedes-Benz GLC 300 2023).
2. Identify the number of original cameras located in front of your rearview mirror cover.
 - If your vehicle has **2 original cameras**, select model **HD2-6588**.

- If your vehicle has **3 original cameras**, select model **HD2-6595**.
3. If you are unsure, contact FITCAMX support and provide a picture of your rearview mirror cover for assistance.

Choose the correct model according to the factory OEM cover



Figure 3.1: Model Selection Guide. This image helps identify the correct dash cam model based on the number of existing cameras near the rearview mirror.

4. SETUP & INSTALLATION

The FITCAMX dash cam is designed for an OEM-style installation, requiring no visible cable routing. Follow these steps carefully.

4.1 Front Camera Installation

1. Use the provided pry tool to gently open the back cover of the original rearview mirror housing.
2. Remove the back cover.
3. Remove the larger cover to expose the internal wiring.
4. Locate the rain sensor wiring. Connect the Y-Cable from the dash cam to the rain sensor.
5. Mount the FITCAMX dash cam unit into the housing. Ensure it is securely fitted.
6. Re-mount the back cover, ensuring all clips are engaged and the fit is flush.

Installation Tutorial



Use a plastic tool to pry open the back cover.

1



Remove the back cover.

2



Remove the big cover.

3



Connect the Y-Cable to the rain sensor.

4



Mount the FITCAMX dash cam.

5



Mount the back cover.

6

Figure 4.1: Front Camera Installation Steps. This image provides a visual guide for installing the front dash cam unit.

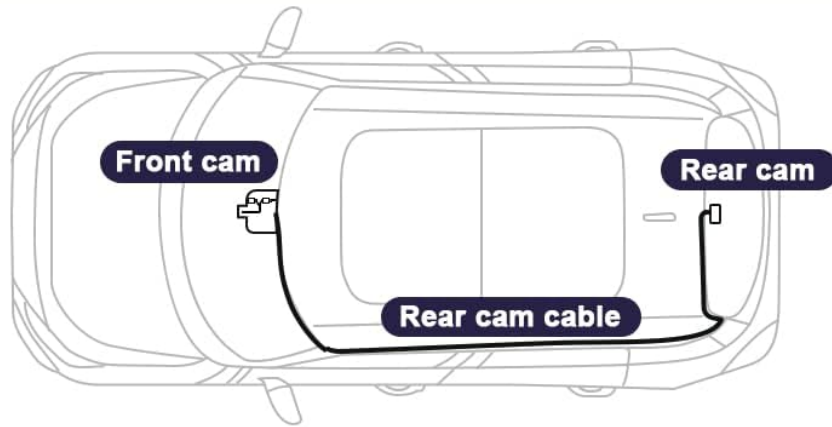


Figure 4.2: OEM Look After Installation. This image demonstrates the seamless integration of the dash cam into the vehicle's interior.

4.2 Rear Camera Wiring

The rear camera connects to the front unit via a cable. Route this cable discreetly along the vehicle's headliner and pillars to the rear of the vehicle. The rear camera can be mounted on the rear windshield or facing the cabin, depending on your preference.

Rear cam wiring



Mount on rear windshield or facing cabin



Rear cam kit



Figure 4.3: Rear Camera Wiring Diagram and Mounting Options. This image illustrates the cable routing and potential mounting positions for the rear camera.

4.3 Installation Video Guide

For a visual walkthrough of the installation process, please refer to the official installation video:

Your browser does not support the video tag.

Video 4.1: Installation Video for Mercedes-Benz. This video demonstrates the step-by-step installation process of the FITCAMX dash cam in a Mercedes-Benz vehicle, including removing covers, connecting cables, and mounting the camera.

5. OPERATING INSTRUCTIONS

The FITCAMX dash cam operates automatically upon vehicle startup. For advanced features and settings, use the dedicated FITCAMX mobile application.

5.1 Wi-Fi Connection & App Usage

To connect your dash cam to the FITCAMX app:

1. Ensure the dash cam is powered on (vehicle ignition is on). The indicator lights on the dash cam will illuminate.
2. On your smartphone, open **Settings** and navigate to **Wi-Fi**.
3. Select the Wi-Fi network name starting with "CAR", "LHD", or "CARDV".
4. Enter the default password: **12345678**.

5. Once connected, open the FITCAMX application. You should see a live view from the dash cam.
6. Within the app, you can view live footage, access recorded files, download important videos to your phone, and adjust camera settings.

Note: You cannot connect to the dash cam's Wi-Fi and use Apple CarPlay/Android Auto simultaneously. However, the camera records automatically, so continuous Wi-Fi connection is not required for recording.



Figure 5.1: FITCAMX App Interface. This image shows the app's live view and connectivity status.

Your browser does not support the video tag.

Video 5.2: Wi-Fi Connect and App Usage. This video illustrates how to connect the FITCAMX dash cam to your smartphone via Wi-Fi and use the FITCAMX application for live viewing, playback, and managing settings.

5.3 Loop Recording

The dash cam features automatic loop recording. When the memory card is full, the oldest video files will be overwritten by new recordings. You can set the duration of each recording segment (e.g., 1, 3, or 5 minutes) within the FITCAMX app settings.

- A 64GB SD card typically provides approximately 5 hours of recording.
- A 128GB SD card typically provides approximately 10 hours of recording.

Automatically Loop Recording

The oldest videos will be overwritten when card storage is full.

Set it at FITCAMX APP: 1/3/5 min option

● Recording time for different SD card storage.



Figure 5.3: Loop Recording Feature. This image explains how loop recording manages storage by overwriting older files.

5.4 G-Sensor (Emergency Recording)

The built-in G-sensor detects sudden movements, impacts, or collisions. When such an event occurs, the dash cam automatically locks the current video segment, preventing it from being overwritten by loop recording. This ensures critical footage is preserved as evidence.



Figure 5.4: G-Sensor Functionality. This image demonstrates how the G-sensor protects important video files during incidents.

5.5 Parking Mode (Optional Upgrade)

The dash cam supports an optional parking mode for continuous surveillance when your vehicle is parked. This feature requires a separate hardwire kit (not included in the standard package) to connect to your vehicle's fuse box or On-Board Diagnostics (OBD) port.

- **Cable to Fuse Box:** Enables non-24h recording.
- **Cable to On Board Diagnostics (OBD):** Enables both 24h and non-24h recording.

Upgraded with Parking Mode

1. cable to Fuse Box



Non-24h recording

2. cable to On Board Diagnostics



24h and non-24h recording

Figure 5.5: Parking Mode Wiring Options. This image shows the different hardwire kits for parking mode functionality.

5.6 Night Vision

Equipped with a CMOS sensor and Wide Dynamic Range (WDR) technology, the FITCAMX dash cam provides clear night vision, ensuring high-quality recordings even in low-light conditions.



Figure 5.6: Night Vision Capability. This image highlights the dash cam's ability to capture clear footage in dark environments.

6. MAINTENANCE

6.1 SD Card Formatting

Regularly formatting the SD card helps maintain optimal recording performance and prevents data corruption. You can format the SD card through the FITCAMX application settings. **Warning:** Formatting will erase all data on the SD card. Ensure you have backed up any important files before proceeding.

6.2 General Care

- Keep the camera lenses clean using a soft, lint-free cloth.
- Avoid exposing the dash cam to extreme temperatures outside its operating range (-20°C to 85°C / -4°F to 185°F).
- Ensure the dash cam is securely mounted to prevent vibrations or dislodgement.

7. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

- **Q: How to ensure the correct model?**

A: Please compare your vehicle style, year, and the shape of your rearview mirror cover. Alternatively, contact

FITCAMX for detailed confirmation.

- **Q: Can I use CarPlay/Bluetooth when driving?**

A: Yes. Your phone cannot be connected to CarPlay/Bluetooth and the dash cam's Wi-Fi simultaneously. However, the camera records automatically after the car starts, so you do not need to keep Wi-Fi connected to the camera at all times for recording.

- **Q: Can I add a rear camera if I already have a front cam?**

A: No, because the PCB boards are different. If you wish to change video resolution or add a rear camera, you would need to replace the entire set.

8. SPECIFICATIONS

Brand	FITCAMX
Model Name	HD2-6588
Vehicle Service Type	GLC-Class 2023-2026, HD2-6588 (*2 Cams Already)
Connectivity Technology	Powerline
Special Feature	FITCAMX APP, OEM Style
Video Capture Resolution	Front 2160P+Rear 1080P
Included Components	4K Dual Dash Cam, Cable, User Manual, 128GB Memory Card, Removal Pry Tool
Mounting Type	Ceiling
Color	HD2-6588
Field Of View	170 Degrees
Control Method	App
Optical Sensor Technology	CMOS
Flash Memory Type	MicroSD
Maximum Aperture	1.6 f
Are Batteries Included	Yes
Supported Standards	MP4
Battery Cell Type	Lithium
Compatible Devices	Mercedes-Benz GLC 2023, 2024, 2025
Frame Rate	30 fps
Flash Memory Supported Size Maximum	128 GB
Item Weight	2 Pounds

9. WARRANTY & SUPPORT

Warranty: The FITCAMX HD2-6588 dash cam comes with a **1-year warranty** from the date of purchase, covering manufacturing defects.

Technical Support: For any questions, installation assistance, or technical issues, please do not hesitate to contact

FITCAMX customer support. Prompt response technical support is available to assist you.